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27 FILES HAVE ONE OR MORE ANSWERS, 38 FILES SEARCHED IN STNINDEX

L1 QUE VASOPRESSIN RECEPTOR ANTAGONIST

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=> a vasopressin receptor antagonist

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4 FILE CANCERLIT
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=> 11 and (ear or vertigo or tinnitus or hydrops)

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13 FILE USPATFULL
10 FILES SEARCHED...
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3 FILE USPAT2
25 FILES SEARCHED...

6 FILES HAVE ONE OR MORE ANSWERS, 27 FILES SEARCHED IN STNINDEX

L2 QUE L1 AND (EAR OR VERTIGO OR TINNITUS OR HYDROPS)

=> d rank

F1 13 USPATFULL
F2 5 EMBASE
F3 3 CAPLUS
F4 3 IFIPAT
F5 3 USPAT2
F6 1 TOXCENTER

=> file f1-f6

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'20000703' NOT A VALID FIELD CODE
2 FILES SEARCHED...
5 FILES SEARCHED...
'20000703' NOT A VALID FIELD CODE
L5 5 L4 AND (PD<20000703 OR PRD<20000703)

=> d 15 1-5 ibib kwic

L5 ANSWER 1 OF 5 USPATFULL on STN
ACCESSION NUMBER: 2002:317425 USPATFULL Full-text
TITLE: Nonpeptide substituted benzothiazepines as vasopressin antagonists
INVENTOR(S): Urbanski, Maud J., Belle Mead, NJ, United States
Chen, Robert H. K., Belle Mead, NJ, United States
PATENT ASSIGNEE(S): Ortho-McNeil Pharmaceutical, Inc., Raritan, NJ, United States (U.S. corporation)

NUMBER	KIND	DATE
US 6489321	B1	20021203
US 2000-704314		20001102 (9)

NUMBER	DATE
US 1999-163544P	19991104 (60)

PRIORITY INFORMATION: US 1999-163544P 19991104 (60) <--
DOCUMENT TYPE: Utility

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Kifle, Bruck

NUMBER OF CLAIMS: 27

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)

LINE COUNT: 1558

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

PRAI US 1999-163544P 19991104 (60) <--

AB wherein A, X, Z, Bp, W, n, R.sup.1 and R.sup.2 are as described in the specification, which are useful as vasopressin receptor antagonists for treating conditions involving increased vascular resistance and cardiac insufficiency. Pharmaceutical compositions comprising a compound of Formula 1 and methods.

SUMM This invention relates to novel nonpeptide substituted vasopressin receptor antagonists. More

SUMM particularly, the compounds of the present invention interrupt the binding of the peptide hormone vasopressin to its receptors and... receptor in the vasculature, vasopressin V-1 antagonists have

SUMM reduced blood pressure as a potential treatment for hypertension as well. Thus, vasopressin receptor antagonists could be useful as therapeutics in the conditions of hypertension, congestive heart failure/cardiac insufficiency, coronary vasospasm, cardiac ischemia, liver cirrhosis.

SUMM The compounds of the present invention are vasopressin receptor antagonists useful as aqueatics and, in

SUMM general, in disease states of vascular resistance. of any of the compounds described above for the preparation of

SUMM a medicament for treating a condition selected from inner ear disorders, hypertension, congestive heart failure, cardiac insufficiency, coronary vasospasm, cardiac ischemia, liver cirrhosis,

SUMM nonhuman controlled study animal tissue article priority journal

SUMM *vasopressin: PD, pharmacology vasoconstrictor agent: PD, pharmacology desmopressin: PD, pharmacology

SUMM vasopressin receptor antagonist: PD, pharmacology vasopressin V1 receptor: EC, endogenous compound pyridoxal phosphate 6 azophenyl 2',4' disulfonic acid: PD, pharmacology

SUMM phenolamine: PD, pharmacology prazosin: PD, pharmacology

L5 ANSWER 3 OF 5 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 97153829 EMBASE Full-text
DOCUMENT NUMBER: 1997153829

TITLE: Role of vasopressin in essential hypertension: Racial differences.

AUTHOR: Bakris G.; Bursztyn M.; Gavrae I.; Bresnahan M.; Gavrae H.

CORPORATE SOURCE: Dr. G. Bakris, Rush Hypertension Center, Rush-Presbyterian-St Luke's Med Ctr, 1725 W Harrison Street, Chicago, IL 60612, United States

SOURCE: Journal of Hypertension, (1997) Vol. 15, No. 5, pp. 545-550.

Refs: 31
ISSN: 0263-6352 CODEN: JOHYD3

COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 006 Internal Medicine
017 Public Health, Social Medicine and Epidemiology
018 Cardiovascular Diseases and Cardiovascular Surgery
037 Drug Literature Index
038 Adverse Reactions Titles

LANGUAGE: English
SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 970612
Last Updated on STN: 970612

SO Journal of Hypertension, (1997) Vol. 15, No. 5, pp. 545-550.

Refs: 31
ISSN: 0263-6352 CODEN: JOHYD3

AB ... subjects (16 Caucasian, 23 African-American) eating a 200 mmol/day sodium diet were administered a single intravenous dose of a selective vasopressin receptor antagonist and their blood pressure was monitored constantly for the ensuing 3 h. The protocol was repeated 3 days later after.

CT Medical Descriptors: *essential ... article clinical protocol clinical trial controlled study female

CT headache: SI, side effect human intravenous drug administration male

CT mean arterial pressure negro oral drug administration

SUMM renal vasospasm, renal failure, cerebral edema and... The nonpeptide substituted benzothiazepine compounds of the present invention are vasopressin receptor

SUMM antagonists, in a preferred embodiment, the compounds are orally active. As demonstrated by the results of the pharmacological studies described hereinafter...

CLM What is claimed is: 21. The method of claim 20 wherein said condition is selected from inner ear disorders, hypertension, congested heart failure, cardiac

CLM insufficiency, coronary vasospasm, cardiac ischemia, liver cirrhosis, renal vasospasm, renal failure, cerebral edema and...

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ACCESSION NUMBER: 1999068089 EMBASE Full-text
TITLE: Effects of vasopressin on the sympathetic contraction of rabbit ear artery during cooling.

AUTHOR: Garcia-Villalon A.L.; Padilla J.; Monge L.; Fernandez N.; Sanchez M.A.; Gomez B.; Dieguez G.

CORPORATE SOURCE: G. Dieguez, Departamento de Fisiologia, Facultad de Medicina, Universidad Autonoma, Arzobispo Morcillo 2, 28029 Madrid, Spain. godofredo.dieguez@uam.es

SOURCE: British Journal of Pharmacology, (1999) Vol. 126, No. 3, pp. 785-793.

Refs: 22
ISSN: 0007-1188 CODEN: BJPCBM

COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 030 Pharmacology
037 Drug Literature Index

LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 19990304
Last Updated on STN: 19990304

TI Effects of vasopressin on the sympathetic contraction of rabbit ear artery during cooling.

SO British Journal of Pharmacology, (1999) Volume 126, Number 3, pp. 785-793.

Refs: 22
ISSN: 0007-1188 CODEN: BJPCBM

AB ... the vascular contraction to sympathetic nerve stimulation during cooling, the isometric response of isolated, 2-mm segments of the rabbit central ear (cutaneous) artery to electrical field stimulation (1-8 Hz) was recorded at 37 and 30°C. 2. Electrical stimulation (37°C) produced frequency-dependent... it did not modify the contraction to noradrenaline (1 µM) at either temperature. 6. These results suggest that in cutaneous (aur) arteries, vasopressin potentiates sympathetic vasoconstriction to a greater extent at 30 than at 37°C by activating vasopressin V1 receptors and...

CT Medical Descriptors: *sympathetic tone *artery constriction *ear artery *cooling rabbit

CT sympathetic nerve muscle isometric contraction electric field temperature vascular endothelium calcium channel

CT plasma renin activity pressor response priority journal race difference receptor blocking

CT vasopressin blood level vertigo: SI, side effect *argipressin: EC, endogenous compound

CT *vasopressin: EC, endogenous compound clonidine: AD, drug administration clonidine: DT, drug therapy

CT renin: EC, endogenous compound vasopressin antagonist:..

L5 ANSWER 4 OF 5 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 91269291 EMBASE Full-text
DOCUMENT NUMBER: 1991269291

TITLE: The influence of intra-arterial infusion of arginine vasopressin on cochlear blood flow in the rat.

AUTHOR: McLaren G.M.; Coleman J.K.M.; Quirk W.S.; Dengerink H.A.; Wright J.W.

CORPORATE SOURCE: Department of Psychology, Washington State University, Pullman, WA 99164-4820, United States

SOURCE: Hearing Research, (1991) Vol. 55, No. 1, pp. 1-8.

ISSN: 0378-5955 CODEN: HEREDJ

COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 011 Otorhinolaryngology
037 Drug Literature Index

LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 911216
Last Updated on STN: 911216

SO Hearing Research, (1991) Vol. 55, No. 1, pp. 1-8.

ISSN: 0378-5955 CODEN: HEREDJ

AB ... mediated by the interaction of vasoactive peptides such as AVP and its receptors located in the vasculature of the inner ear or in the more peripheral vessels directly supplying the cochlea.

CT Medical Descriptors: *blood pressure *cochlea blood flow aged

CT animal experiment article controlled study intraarterial drug administration laser doppler flowmetry

CT major clinical study nonhuman priority journal rat

CT *argipressin: PD, pharmacology *argipressin: DO, drug dose

CT vasopressin receptor antagonist: PD, pharmacology

L5 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:307414 CAPLUS Full-text
DOCUMENT NUMBER: 130:306609

TITLE: Use of vasopressin antagonists

INVENTOR(S): Zenner, Hans Peter; Ruppertsberg, J.-Peter; Loewenheim, Hubert
PATENT ASSIGNEE(S): Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19748763	A1	19990506	DE 1997-19748763	19971105 <--
CA 2309117	AA	19990520	CA 1998-2309117	19981104 <--
WO 9924051	A2	19990520	WO 1998-EP7033	19981104 <--
WO 9924051	A3	19990701		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KR, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9917536	A1	19990531	AU 1999-17536	19981104 <--
EP 1028725	A1	20000823	EP 1998-962320	19981104 <--
EP 1028725	B1	20040211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9813957	A	20000926	BR 1998-13957	19981104 <--
JP 2001522807	T2	20011120	JP 2000-520139	19981104 <--
AT 259230	E	20040215	AT 1998-962320	19981104 <--
ES 2218875	T3	20041116	ES 1998-962320	19981104 <--
PRIORITY APPLN. INFO.: DE 1997-19748763 A 19971105 <-- WO 1998-EP7033 W 19981104 <--				
PI DE 19748763 A1	19990506			
PATENT NO. KIND DATE APPLICATION NO. DATE				
PI DE 19748763	A1	19990506	DE 1997-19748763	19971105 <--
CA 2309117	AA	19990520	CA 1998-2309117	19981104 <--
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WO 9924051	A3	19990701		
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EP 1028725	A1	20000823	EP 1998-962320	19981104 <--
EP 1028725	B1	20040211		
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BR 9813957	A	20000926	BR 1998-13957	19981104 <--
JP 2001522807	T2	20011120	JP 2000-520139	19981104 <--
AT 259230	E	20040215	AT 1998-962320	19981104 <--
ES 2218875	T3	20041116	ES 1998-962320	19981104 <--
PRAI DE 1997-19748763 A 19971105 <--				

WO 1998-EP7033 W 19981104 <--
AB Vasopressin receptor antagonists, esp. V2 receptor antagonists, are useful for treatment of inner ear disorders associated with vertigo, deafness, and/or tinnitus as in Meniere's disease, evidently by increasing the water permeability of the endolymphatic sac in cases involving endolymphatic hydrops. Thus, 125I-labeled arginine-vasopressin bound to the human endolymphatic sac epithelium, which expressed genes for both V2 receptors and the water channel glycoprotein aquaporin-2. Vasopressin caused endolymphatic hydrops in guinea pigs, as indicated by displacement of Reissner's membrane. Administration of the peptide V2 receptor antagonist, M-9400, to cultured rat endolymphatic sac epithelium reversed the vasopressin-induced inhibition of membrane turnover (endocytosis) in ribosome-rich cells of the epithelium, which correlates pos. with water transport through the membrane.
ST vasopressin antagonist inner ear disorder; endolymphatic sac vasopressin V2 receptor antagonist; water transport endolymphatic sac vasopressin; vertigo vasopressin V2 receptor antagonist; tinnitus deafness vasopressin V2 receptor antagonist; tinnitus vasopressin V2 receptor antagonist
IT Vasopressin receptors
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(V2; use of vasopressin antagonists to treat inner ear disorders)
IT Porine
RL: BSU (Biological study, unclassified); BIOL (Biological study) (aquaporins, 2, expression of gene for, in endolymphatic sac, vasopressin effect on; use of vasopressin antagonists to treat inner ear disorders)
IT Endocytosis
(by endolymphatic sac, vasopressin effect on; use of vasopressin antagonists to treat inner ear disorders)
IT Toxins
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study) (cholera, endocytosis by endolymphatic sac inhibition by; use of vasopressin antagonists to treat inner ear disorders)
IT Organelle
(coated pit, of endolymphatic sac, vasopressin effect on; use of vasopressin antagonists to treat inner ear disorders)
IT Edema
(dropsey, endolymphatic; use of vasopressin antagonists to treat inner ear disorders)
IT Ear
(endolymph, hydrops; use of vasopressin antagonists to treat inner ear disorders)
IT Gene
(expression, of aquaporin-2 and vasopressin V2 receptor genes in endolymphatic sac; use of vasopressin antagonists to treat inner ear disorders)
IT Ear
(inner, diseases; use of vasopressin antagonists to treat inner ear disorders)
IT Hearing
(loss; use of vasopressin antagonists to treat inner ear disorders)
IT Ear
(tinnitus; use of vasopressin antagonists to treat inner ear disorders)
IT Dizziness
(use of vasopressin antagonists to treat inner ear disorders)
IT Peptides, biological studies

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(vasopressin receptor antagonists; use of vasopressin antagonists to treat inner ear disorders)
IT 11000-17-2, Vasopressin
RL: BSU (Biological study, unclassified); BIOL (Biological study) (antagonists; use of vasopressin antagonists to treat inner ear disorders)
IT 113-79-1, Arginine-vasopressin
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(binding to receptors in endolymphatic sac; use of vasopressin antagonists to treat inner ear disorders)
IT 66575-29-9, Forskolin
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study) (endocytosis by endolymphatic sac inhibition by; use of vasopressin antagonists to treat inner ear disorders)
IT 112465-01-7 137975-06-5, OPC 31260 185913-79-5, SR 121463A
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(vasopressin receptor antagonist; use of vasopressin antagonists to treat inner ear disorders)
IT 120-72-9D, Indole, derivs. 264-54-0D, 1H-1-Benzazepine, derivs.
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(vasopressin receptor antagonists; use of vasopressin antagonists to treat inner ear disorders)

-- DIS HIST

(FILE 'HOME' ENTERED AT 13:22:53 ON 13 JUN 2005)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, BIOSIS, BIOTECHNO, CANCERLIT, CAPLUS, CEN, DDFB, DDFU, DISABS, DRUGS, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ESBIOBASE, IFIPAT, IMSDRUGNEWS, IMSPRODUCT, IPA, JICST-EPLUS, KOSMET, LIFESCI, MEDICINF, MEDLINE, NAPRALERT, ...' ENTERED AT 13:23:05 ON 13 JUN 2005

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, BIOSIS, BIOTECHNO, CANCERLIT, CAPLUS, CEN, CAPLUS, CEN, DDFB, DDFU, DISABS, DRUGS, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ESBIOBASE, IFIPAT, IMSDRUGNEWS, IMSPRODUCT, IPA, JICST-EPLUS, KOSMET, LIFESCI, MEDICINF, MEDLINE, NAPRALERT, ...' ENTERED AT 13:23:14 ON 13 JUN 2005

SEA VASOPRESSIN RECEPTOR ANTAGONIST

15 FILE ADISCTI
5 FILE ADISINSIGHT
3 FILE ADISNEWS
238 FILE BIOSIS
60 FILE BIOTECHNO
4 FILE CANCERLIT
313 FILE CAPLUS
58 FILE DDFU
3 FILE DISABS
65 FILE DRUGU
1 FILE EMBAL

506 FILE EMBASE
108 FILE ESBIOBASE
23 FILE IFIPAT
2 FILE IMSDRUGNEWS
2 FILE IPA
16 FILE JICST-EPLUS
27 FILE LIFESCI
184 FILE MEDLINE
5 FILE NLDB
97 FILE PASCAL
4 FILE PHARMAML
2 FILE PHIN
192 FILE SCISEARCH
77 FILE TOXCENTER
67 FILE USPATFULL
8 FILE USPAT2
L1 QUE VASOPRESSIN RECEPTOR ANTAGONIST

INDEX 'EMBASE, CAPLUS, BIOSIS, SCISEARCH, MEDLINE, ESBIOBASE, PASCAL, TOXCENTER, USPATFULL, DRUGU, BIOTECHNO, DDFU, LIFESCI, IFIPAT, JICST-EPLUS, ADISCTI, USPAT2, ADISINSIGHT, NLDB, CANCERLIT, PHARMAML, ADISNEWS, DISABS, IMSDRUGNEWS, IPA, PHIN, EMBAL' ENTERED AT 13:24:16 ON 13 JUN 2005

SEA L1 AND (EAR OR VERTIGO OR TINNITUS OR HYDROPS)

5 FILE EMBASE
3 FILE CAPLUS
1 FILE TOXCENTER
13 FILE USPATFULL
3 FILE IFIPAT
3 FILE USPAT2

L2 QUE L1 AND (EAR OR VERTIGO OR TINNITUS OR HYDROPS)

FILE 'USPATFULL, EMBASE, CAPLUS, IFIPAT, USPAT2, TOXCENTER' ENTERED AT 13:25:42 ON 13 JUN 2005

L3 28 L2
L4 20 DUP REM L3 (8 DUPLICATES REMOVED)
L5 5 L4 AND (PD=20000703 OR PRD=20000703)

-->

---Logging off of STN---

-->
Executing the logoff script...

--> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	37.50	40.66
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-0.73	-0.73

STN INTERNATIONAL LOGOFF AT 13:29:34 ON 13 JUN 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:aseptal65jadk

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
(ROSPATENT) added to list of core patent offices covered
NEWS 4 FEB 28 PATDPATFULL - New display fields provide for legal status
data from INPADOC
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12 MAR 22 PATDPASPC - New patent database available
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new
fields
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced
NEWS 16 APR 18 New CAS Information Use Policies available online
NEWS 17 APR 25 Patent searching, including current-awareness alerts (SDIs),
based on application date in CA/Caplus and USPATFULL/USPAT2
may be affected by a change in filing date for U.S.
applications.
NEWS 18 APR 28 Improved searching of U.S. Patent Classifications for
U.S. patent records in CA/Caplus
NEWS 19 MAY 23 GBFULL enhanced with patent drawing images
NEWS 20 MAY 23 REGISTRY has been enhanced with source information from
CHEMCATS
NEWS 21 MAY 26 STN User Update to be held June 6 and June 7 at the SLA 2005
Annual Conference
NEWS 22 JUN 06 STN Patent Forums to be held in June 2005
NEWS 23 JUN 06 The Analysis Edition of STN Express with Discover!
(Version 8.0 for Windows) now available
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0c(JP),
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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result in loss of user privileges and other penalties.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 13:45:13 ON 13 JUN 2005

=> FIL REGISTRY
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE
ENTRY
TOTAL
SESSION
0.21 0.21

FILE 'REGISTRY' ENTERED AT 13:45:23 ON 13 JUN 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2005 HIGHEST RN 852100-26-6
DICTIONARY FILE UPDATES: 12 JUN 2005 HIGHEST RN 852100-26-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

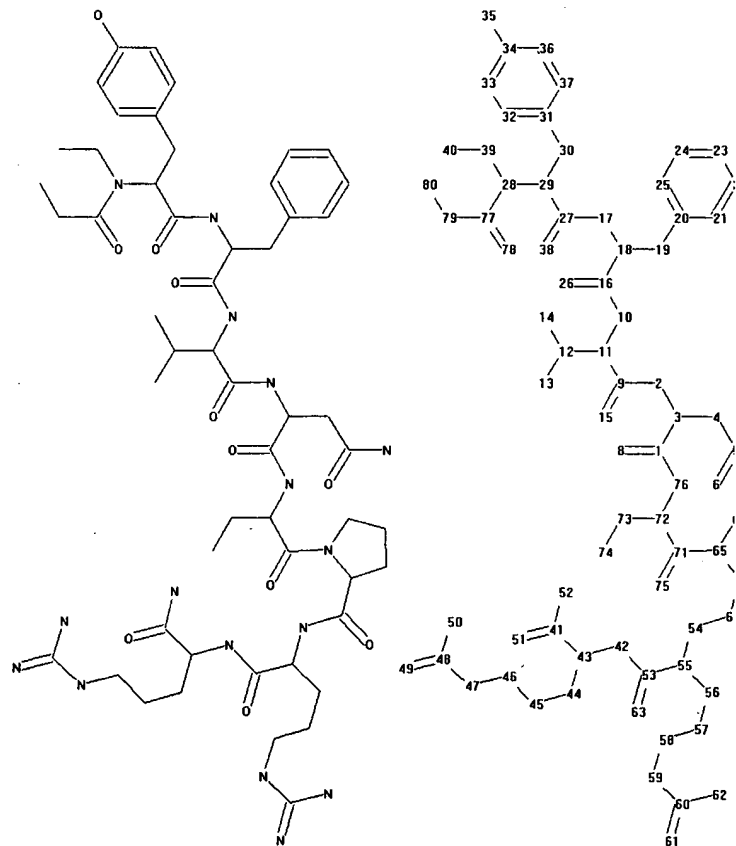
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

* The CA roles and document type information have been removed from *
* the IDS default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now, *
* available and contains the CA role and document type information. *

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading H:\STN queries\09530693.sir



ring nodes :

20 21 22 23 24 25 31 32 33 34 36 37 65 66 67 68 69
ring/chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 26 27 28 29
30 35 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56
57 58 59 60 61 62 63 64 70 71 72 73 74 75 76 77 78 79 80
ring/chain bonds :
1-3 1-8 1-76 2-3 2-9 3-4 4-5 5-6 5-7 9-11 9-15 10-11 10-16 11-12 12-13
12-14 16-18 16-26 17-18 17-27 18-19 19-20 27-29 27-38 28-29 28-39
28-77 29-30 30-31 34-35 39-40 41-43 41-51 41-52 42-43 42-53 43-44 44-45
45-46 46-47 47-48 48-49 48-50 53-55 53-63 54-55 54-64 55-56 56-57 57-58
58-59 59-60 60-61 60-62 64-66 64-70 65-71 71-72 71-75 72-73 72-76 73-74
77-78 77-79 79-80
ring bonds :
20-21 20-25 21-22 22-23 23-24 24-25 31-32 31-37 32-33 33-34 34-36 36-37
65-66 65-69 66-67 67-68 68-69
exact/norm bonds :
1-3 3-4 4-5 9-11 10-16 11-12 12-13 12-14 16-18 17-27 18-19 19-20 27-29
28-77 29-30 30-31 39-40 41-43 42-53 43-44 44-45 45-46 53-55 54-64 55-56
56-57 57-58 64-66 66-67 71-72 72-73 73-74 77-79 79-80
exact bonds :
1-8 1-76 2-3 2-9 5-6 5-7 9-15 10-11 16-26 17-18 27-38 28-29 28-39 34-35
41-51 41-52 42-43 46-47 47-48 48-49 48-50 53-63 54-55 58-59 59-60
60-61 60-62 64-70 65-66 65-69 65-71 67-68 68-69 71-75 72-76 77-78
normalized bonds :
20-21 20-25 21-22 22-23 23-24 24-25 31-32 31-37 32-33 33-34 34-36 36-37
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS
27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:Atom 32:Atom 33:Atom 34:Atom
35:CLASS 36:Atom 37:Atom 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS
43:CLASS 44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS
51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:CLASS 56:CLASS 57:CLASS 58:CLASS
59:CLASS 60:CLASS 61:CLASS 62:CLASS 63:CLASS 64:CLASS 65:Atom 66:Atom
67:Atom 68:Atom 69:Atom 70:CLASS 71:CLASS 72:CLASS 73:CLASS 74:CLASS
75:CLASS 76:CLASS 77:CLASS 78:CLASS 79:CLASS 80:CLASS

L1 STRUCTURE UPLOADED

=> # 11 sam
SAMPLE SEARCH INITIATED 13:45:48 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1734 TO ITERATE

57.7% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 32183 TO 37177
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> # 11 ful

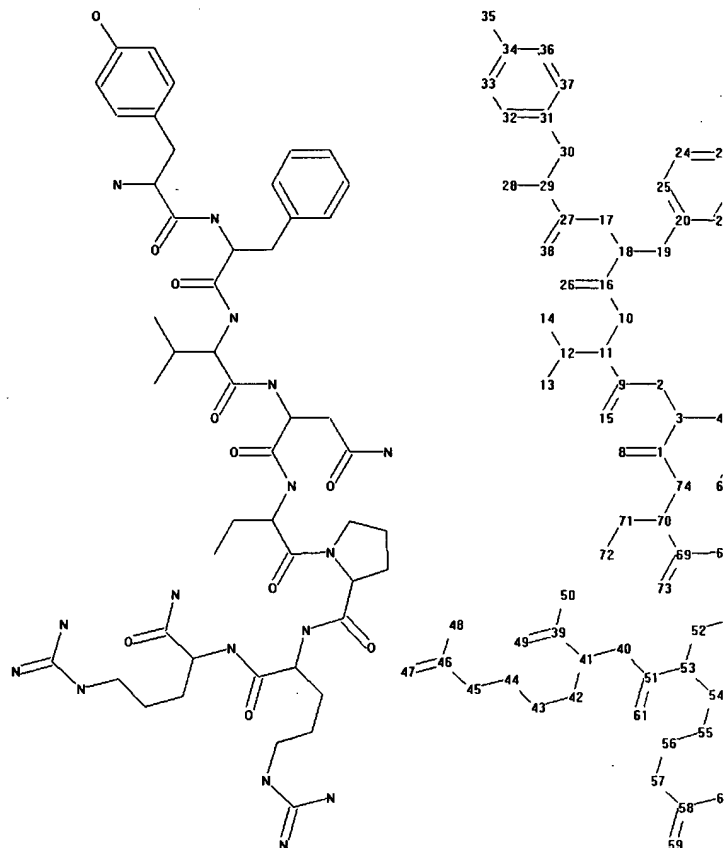
FULL SEARCH INITIATED 13:45:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 33882 TO ITERATE

100.0% PROCESSED 33882 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L3 0 SEA SSS FUL L1

=>
Uploading H:\STN queries\09530693a.etc



ring nodes :

20 21 22 23 24 25 31 32 33 34 36 37 63 64 65 66 67
ring/chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 26 27 28 29
30 35 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56
57 58 59 60 61 62 68 69 70 71 72 73 74

ring/chain bonds :
1-3 1-8 1-74 2-3 2-9 3-4 4-5 5-6 5-7 9-11 9-15 10-11 10-16 11-12 12-13
12-14 16-18 16-26 17-18 17-27 18-19 19-20 27-29 27-38 28-29 29-30
30-31 34-35 39-41 39-49 39-50 40-41 40-51 41-42 42-43 43-44 44-45 45-46
46-47 46-48 51-53 51-61 52-53 52-62 53-54 54-55 55-56 56-57 57-58 58-59
58-60 62-64 62-68 63-69 69-70 69-73 70-71 70-74 71-72

ring bonds :
20-21 20-25 21-22 22-23 23-24 24-25 31-32 31-37 32-33 33-34 34-36 36-37
63-64 63-67 64-65 65-66 66-67
exact/norm bonds :
1-3 3-4 4-5 9-11 10-16 11-12 12-13 12-14 16-18 17-27 18-19 19-20 27-29
29-30 30-31 39-41 40-51 41-42 42-43 43-44 51-53 52-62 53-54 54-55 55-56
62-64 64-65 69-70 70-71 71-72

exact bonds :
1-8 1-74 2-3 2-9 5-6 5-7 9-15 10-11 16-26 17-18 27-38 28-29 34-35 39-49
39-50 40-41 44-45 45-46 46-47 46-48 51-61 52-53 56-57 57-58 58-59
58-60 62-68 63-64 63-67 63-69 65-66 66-67 69-73 70-74
normalized bonds :
20-21 20-25 21-22 22-23 23-24 24-25 31-32 31-37 32-33 33-34 34-36 36-37

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS
27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:Atom 32:Atom 33:Atom 34:Atom
35:CLASS 36:Atom 37:Atom 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS
43:CLASS 44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS
51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:CLASS 56:CLASS 57:CLASS 58:CLASS
59:CLASS 60:CLASS 61:CLASS 62:CLASS 63:Atom 64:Atom 65:Atom 66:Atom 67:Atom
68:CLASS 69:CLASS 70:CLASS 71:CLASS 72:CLASS 73:CLASS 74:CLASS

L4 STRUCTURE UPLOADED

=> # 14 sam
SAMPLE SEARCH INITIATED 13:46:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 6837 TO ITERATE

14.6% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 131783 TO 141697
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> # 14 ful
FULL SEARCH INITIATED 13:47:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 137293 TO ITERATE

100.0% PROCESSED 137293 ITERATIONS
SEARCH TIME: 00.00.03

0 ANSWERS

L6 0 SEA SSS FUL L4

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 13:47:07 ON 13 JUN 2005

SINCE FILE ENTRY
TOTAL SESSION
323.09 323.30